

Abstract

Absorption refrigerator (1) including a cabinet having outer walls (2, 3, 4, 5, 6) and at least one door (7, 8) encasing a low temperature storage compartment (9) and a higher temperature storage compartment (10), said compartments being separated by a partition wall (11). An ice-maker is arranged in one of the compartments. The refrigerator is cooled by an absorption refrigerating system which includes an evaporator tube (20) in which a refrigeration medium flows from an upstream end to a downstream end of the evaporator tube, and which evaporator tube comprises a first tube section (21) which is arranged to absorb heat from the low temperature compartment, a second tube section (22), which is arranged to cool the higher temperature compartment and a third tube section (23) which is arranged to cool the ice-maker. The first, second and third tube sections are connected in series and the first tube section is arranged upstream of the second tube section. In order to minimize the negative influence of the operation of the ice-maker on the temperature in the freezer compartment, and to reduce the humidity influence of the ice-maker, the third tube section is arranged downstream of said first tube section and upstream of said second tube section and the ice fabrication device is exposed to air circulating in the low temperature compartment or in the higher temperature compartment (10), and means are provided for melting frost generated by humidity in said low temperature Compartment (9) or said higher temperature compartment (10) respectively.

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